

Mineral Industry Surveys

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GYPSUM IN JUNE 2005

Producers mined 1.62 million metric tons (Mt) of gypsum in June 2005 (table 1). Output was 11% less than that of May 2005 and 27% more than that of June 2004. Synthetic gypsum production was 803,000 metric tons (t) in June 2005 (table 1), which was 5% more than that of May 2005, and 9% more than that of June 2004. Both mined and synthetic gypsum are used as raw material for wallboard. The wallboard industry is the largest domestic consumer of gypsum. During January through May 2005, synthetic gypsum accounted for 3.68 Mt, or about 24%, of the 15.2-Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 683,000 t (table 2), slightly more than that of May 2005, and 10% more than that of June 2004.

Output of calcined gypsum for June (table 1) was 2.12 Mt, 5% more than that of May 2005 and 20% more than that of June 2004. Sales of board products were about 3.2 billion square feet

(300 million square meters), 8% more than that of May 2005 and 8% more than that of June 2004.

U.S. Government import and export data for June 2005 were not available at the time of publication. According to the U.S. Census Bureau, imports of crude gypsum in May 2005 were 994,000 t (table 3), 9% more than that of April 2005 and 10% more than that of May 2004. Gypsum wallboard imports, principally from Canada, for May 2005 were 56,000 t, equivalent to 68 million square feet (6.3 million square meters). These imports were 2% more than that of April 2005 and slightly more than that of May 2004. Wallboard exports to 24 countries and territories in May 2005 were 7,000 t, equivalent to 8.4 million square feet (779,000 square meters). These exports were 10% less than those of April 2005 and 6% more than those of May 2004.

All percentages in this report were computed based on unrounded data.

TABLE 1
GYPSUM SUPPLY^{1, 2}

(Metric tons)

	2005			2004
	June	May	January-June	January-June
Crude:				
Mined ³	1,620,000	1,820,000	8,790,000	8,020,000
Imported ⁴	NA	994,000	NA	4,720,000
Exported ⁴	NA	10,800	NA	71,900
Synthetic gypsum ⁵	803,000	762,000	4,490,000	4,240,000
Total supply	NA	3,560,000	NA	16,800,000
Calcined:				
Produced	2,120,000	2,010,000	11,900,000	10,200,000
Imported ⁶	NA	346	NA	2,590
Exported ⁶	NA	26,800	NA	221,000
Total supply	NA	1,990,000	NA	10,400,000

NA Not available.

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Some data were estimated from semiannual reports.

⁴Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

⁵Reported production only.

⁶Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE^{1, 2}

(Metric tons, unless otherwise specified)

	2005			2004
	June	May	January-June	January-June
Uncalcined: ³				
Portland cement	414,000	436,000	1,850,000	1,760,000
Agriculture and miscellaneous	269,000	240,000	1,310,000	857,000
Total	683,000	677,000	3,160,000	2,620,000
Calcined:				
Board products ⁴	2,700,000	2,490,000	14,800,000	14,200,000
Plaster	14,000	13,400	81,900	83,900
Total	2,710,000	2,500,000	14,900,000	14,300,000
Board products: (Thousand square feet) ⁵				
Regular board	1,970,000	1,830,000	10,900,000	10,400,000
Type X board	978,000	890,000	5,240,000	5,090,000
Other	292,000	271,000	1,610,000	1,560,000
Total supply	3,240,000	2,990,000	17,800,000	17,000,000

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Does not include synthetic gypsum from electric power plants.

⁴Includes weight of paper and other materials.

⁵One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION¹

(Metric tons)

Country of origin	2005			2004
	May	April	January-May	January-May
Bahrain	--	--	8	--
Canada	686,000	649,000	2,990,000	2,570,000
China	--	--	16	41,300
Costa Rica	--	--	--	53
Dominica	--	--	2	--
Dominican Republic	6,550	23,100	65,700	53,600
France	17	--	17	--
Germany	--	20	60	--
Italy	1	--	1	21,900
Jamaica	--	--	21,600	--
Mexico	220,000	207,000	990,000	852,000
Peru	--	--	79	--
Spain	82,200	30,000	329,000	241,000
Sweden	40	--	40	--
United Kingdom	--	--	--	1
Total	994,000	909,000	4,390,000	3,780,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES^{1, 2}

(Thousand metric tons)

Period	Consumption ³	Production ⁴	Imports ⁵	Exports ⁵
2004:				
June	2,200	1,280	936	14
July	2,570	1,580	1,010	14
August	2,240	1,520	735	9
September	2,220	1,390	835	12
October	2,400	1,460	954	14
November	2,360	1,460	920	13
December	2,420	1,480	958	14
January-December	26,900	16,900	10,100	149
2005:				
January	2,220	1,460	770	14
February	2,190	1,460	755	17
March	2,400	1,470	964	27
April	2,320	1,420	909	12
May	2,800	1,820	994	11
June	NA	1,620	NA	NA

NA Not available.

¹Excludes synthetic gypsum.

²Data are rounded to no more than three significant digits.

³Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

⁴Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvass of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

⁵Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS^{1,2}

(Thousand square feet)³

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2005:											
June:											
Veneer base	26,600	2,090	6,870	877	9,910	20	31	124	1,800	67	49,400
Sheathing	1,850	4,740	6,010	6,850	17,600	3,000	11,800	8,200	11,000	1,320	72,400
Regular gypsum board	42,200	149,000	227,000	115,000	584,000	140,000	247,000	201,000	233,000	30,000	1,970,000
Type X gypsum board	29,200	98,100	140,000	73,000	162,000	35,000	99,800	120,000	214,000	6,340	978,000
Predecorated board	228	620	1,520	591	1,430	333	980	455	619	19	6,800
5/16 Mobile home board	--	840	4,980	--	10,600	11,900	5,730	107	1,250	--	35,500
Water/moisture resistant board	5,740	21,500	14,600	5,850	29,900	5,830	11,700	11,100	17,500	3,870	128,000
Total	107,000	277,000	401,000	202,000	816,000	197,000	377,000	341,000	479,000	41,600	3,240,000
January- June:											
Veneer base	154,000	14,100	44,200	4,670	56,500	147	291	1,590	8,620	237	284,000
Sheathing	7,680	24,600	27,900	35,400	94,000	17,000	68,900	36,300	52,500	6,690	371,000
Regular gypsum board	254,000	866,000	1,300,000	675,000	3,260,000	750,000	1,300,000	1,110,000	1,230,000	197,000	10,900,000
Type X gypsum board	163,000	519,000	734,000	397,000	907,000	189,000	536,000	647,000	1,100,000	40,900	5,240,000
Predecorated board	1,810	3,640	6,120	2,590	7,970	2,180	5,190	2,030	3,550	257	35,300
5/16 Mobile home board	--	3,530	26,800	--	59,200	73,700	37,300	898	3,800	77	205,000
Water/moisture resistant board	32,300	120,000	88,600	37,500	166,000	29,000	65,800	59,100	96,100	22,700	717,000
Total	613,000	1,550,000	2,230,000	1,150,000	4,550,000	1,060,000	2,020,000	1,850,000	2,500,000	268,000	17,800,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

³One square meter equals 10.78 square feet.

Source: Gypsum Association.